

Metropolitan Wastewater

Sewer - Metropolitan

Annual Allocation - Clean Water Program Pooled Contingencies 46-502.0

Council District: Citywide

Community Plan: Citywide

Description: This annual allocation provides for Capital Improvements Program (CIP) contingency needs for Metropolitan Sewer projects.

Justification: This project will provide better CIP budget control. Project contingency needs (except annual allocation projects) will be met by this annual allocation.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the applicable community plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Pooled contingencies are used on an as needed basis.

Summary of Project Changes: The annual project cost decreased in the Sewer Expansion funding by \$444,169 due to revised requirements.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|-----------|---------|---------|---------|---------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | | | 136,225 | 302,069 | 556,333 | 496,430 | 13,287 |
| Total | | | | 136,225 | 302,069 | 556,333 | 496,430 | 13,287 |
| Work Codes | | | | | | | | |
| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
| SEWER-E | 041509 | 547,007 | 776,821 | 1,444,236 | 645,596 | 558,607 | 278,116 | 136,225 |
| Total | | 547,007 | 776,821 | 1,444,236 | 645,596 | 558,607 | 278,116 | 136,225 |
| Work Codes | | | | | | | | |

Contact: Ann Sasaki

E-Mail: ASasaki@sanidiego.gov

Phone: 858-292-6469

Metropolitan Wastewater

Sewer - Metropolitan

Annual Allocation - Metro Biosolids Center 42-913.0

Council District: 7

Community Plan: No Community Planning Area

Description: This annual allocation provides for minor renovation or replacement of facilities at the Metro Biosolids Center treatment plant and associated facilities.

Justification: The Metro Biosolids Center became operational in 1999. Since the start-up period, several projects will be required within this facility to enhance or maintain operation. This annual allocation will be considered an enhancement to the facility and does not include operation and maintenance.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is located on federal property and there is no community planning area. This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects will be scheduled each year on a priority basis.

Summary of Project Changes: The annual project cost increased in the Sewer Expansion funding by \$25,958 due to revised requirements.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|---------|---------|---------|---------|---------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | | | 674,918 | 674,918 | 674,918 | 674,918 | 674,918 |
| Total | | | | 674,918 | 674,918 | 674,918 | 674,918 | 674,918 |
| Work Codes | | | | | | | | |
| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
| SEWER-E | 041509 | 674,918 | 674,918 | 674,918 | 674,918 | 674,918 | 674,918 | 674,918 |
| Total | | 674,918 | 674,918 | 674,918 | 674,918 | 674,918 | 674,918 | 674,918 |
| Work Codes | | | | | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater

Sewer - Metropolitan

Annual Allocation - Metro Operations Center 45-956.0

Community Plan: Kearny Mesa

Council District: 6

Description: This annual allocation provides for minor renovations or upgrades to the Metropolitan Operations Center (MOC) facilities.

Justification: This annual allocation provides for renovation/upgrades to the various facilities that comprise the MOC. The MOC facilities are used to house Metropolitan Wastewater Department (MWWD) employees, as well as warehouse/storage space for MWWD assets and vehicles.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Kearny Mesa Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects are scheduled on a priority basis.

Summary of Project Changes: No significant change has been made to this project for Fiscal Year 2009.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|---------|---------|---------|---------|---------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041509 | | | 129,075 | 129,075 | 129,075 | 129,075 | 129,075 |
| Total | | | | 129,075 | 129,075 | 129,075 | 129,075 | 129,075 |
| Work Codes | | | | | | | | |
| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
| SEWER-R | 041509 | 129,075 | 129,075 | 129,075 | 129,075 | 129,075 | 129,075 | 129,075 |
| Total | | 129,075 | 129,075 | 129,075 | 129,075 | 129,075 | 129,075 | 129,075 |
| Work Codes | | | | | | | | |

Contact: Mike Elling

E-Mail: MElling@sandiego.gov

Phone: 858-292-6477

Metropolitan Wastewater

Sewer - Metropolitan

Annual Allocation - Metropolitan Sewer Pooled Contingencies 46-501.0

Council District: Citywide

Community Plan: Citywide

Description: This annual allocation provides for Capital Improvements Program (CIP) project pooled contingency needs for Metropolitan Sewer Fund projects.

Justification: This project will provide better CIP budget control. Project contingency needs (except annual allocation projects) will be met by this annual allocation.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the applicable community plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Pooled contingencies are used on an as needed basis.

Summary of Project Changes: This project is newly published for Fiscal Year 2009.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|--------|---------|---------|---------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041508 | | | 81,095 | 424,784 | 424,784 | 227,839 | |
| Total | | | | 81,095 | 424,784 | 424,784 | 227,839 | |
| Work Codes | | | | | | | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| SEWER-E | 041508 | | | | | | | 81,095 |
| Total | | | | | | | | 81,095 |
| Work Codes | | | | | | | | |

Contact: Ann Sasaki

E-Mail: ASasaki@sandiego.gov

Phone: 858-292-6469

Metropolitan Wastewater

Sewer - Metropolitan

Annual Allocation - Metropolitan System Pump Stations 41-926.0

Council District: 2, 8

Community Plan: Midway/Pacific Highway Corridor,
Barrio Logan

Description: This annual allocation provides for comprehensive upgrades, design modifications, and major renovations or replacement of major equipment, such as pumps, valves, tanks, controls, odor control systems, etc. at Metropolitan System Pump Stations. The allocation also provides for the addition of an office/shop/storage building.

Justification: These improvements will allow the pump stations to be run more efficiently and increase the reliability of the Metropolitan Wastewater System.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Midway/Pacific Highway Corridor and Barrio Logan Community Plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects are scheduled on a priority basis.

Summary of Project Changes: The annual project cost increased in the Sewer Expansion and Replacement funding by \$6.2 million due to revised requirements including upgrades and replacements.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|-----------|---------|-----------|-----------|-----------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | | | 650,000 | 32,448 | 32,448 | 32,448 | 32,448 |
| SEWER-R | 041509 | | | 5,850,000 | 292,032 | 292,032 | 292,032 | 292,032 |
| Total | | | | 6,500,000 | 324,480 | 324,480 | 324,480 | 324,480 |
| Work Codes | | | | | | | | |
| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
| SEWER-E | 041509 | 32,448 | 32,448 | 32,448 | 32,448 | 167,648 | 264,992 | 650,000 |
| SEWER-R | 041509 | 292,032 | 292,032 | 292,032 | 292,032 | 1,508,832 | 2,384,928 | 5,850,000 |
| Total | | 324,480 | 324,480 | 324,480 | 324,480 | 1,676,480 | 2,649,920 | 6,500,000 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Metropolitan

Annual Allocation - North City Water Reclamation Plant 42-926.0

Council District: 1

Community Plan: University

Description: This annual allocation provides for minor renovation or replacement of facilities at the North City Water Reclamation Plant (NCWRP) and associated facilities.

Justification: The NCWRP became operational in mid-1997. Since the start-up period, several projects will be required within this facility to enhance or maintain operation.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the University Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects will be scheduled on a priority basis.

Summary of Project Changes: No significant change has been made to this project for Fiscal Year 2009.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|---------|---------|---------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | | | 473,741 | 351,520 | 190,362 | | |
| Unidentified Funding | 999999 | | | | | | | |
| Total | | | | 473,741 | 351,520 | 190,362 | | |
| Work Codes | | | | | | | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|----------------------|--------|---------|--------|---------|---------|---------|---------|---------|
| SEWER-E | 041509 | | 86,528 | | | | | 473,741 |
| Unidentified Funding | 999999 | 200,000 | | 200,000 | 200,000 | 200,000 | 200,000 | |
| Total | | 200,000 | 86,528 | 200,000 | 200,000 | 200,000 | 200,000 | 473,741 |
| Work Codes | | | | | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater

Sewer - Metropolitan

Annual Allocation - Point Loma Treatment Plant/Related Facilities 46-119.0

Council District: 2

Community Plan: Peninsula

Description: This annual allocation provides for minor renovation or replacement of facilities at the Point Loma treatment plant, pump stations, and associated facilities.

Justification: Various facilities require replacement due to increasing wastewater flows and higher required levels of treatment.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Peninsula Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects are scheduled on a priority basis.

Summary of Project Changes: No significant change has been made to this project for Fiscal Year 2009.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041508 | | | 772,335 | 772,335 | 772,335 | 1,103,336 | 1,103,336 |
| Total | | | | 772,335 | 772,335 | 772,335 | 1,103,336 | 1,103,336 |
| Work Codes | | | | | | | | |
| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
| SEWER-R | 041508 | 1,103,336 | 1,103,336 | 1,324,003 | 1,324,003 | 1,324,003 | 1,324,003 | 772,335 |
| Total | | 1,103,336 | 1,103,336 | 1,324,003 | 1,324,003 | 1,324,003 | 1,324,003 | 772,335 |
| Work Codes | | | | | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater

Sewer - Metropolitan

Annual Allocation - South Bay Water Reclamation Plant 45-932.0

Council District: 8

Community Plan: Tia Juana River Valley

Description: This annual allocation provides for minor renovation or replacement of facilities at the South Bay Water Reclamation Plant, pump station, and associated facilities.

Justification: Various facilities require replacement or modification due to changing and improved technology.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Tia Juana River Valley Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects are scheduled on a priority basis.

Summary of Project Changes: No significant change has been made to this project for Fiscal Year 2009.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|---------|---------|---------|---------|---------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041509 | | | 168,730 | 168,730 | 224,973 | 224,973 | 224,973 |
| Total | | | | 168,730 | 168,730 | 224,973 | 224,973 | 224,973 |
| Work Codes | | | | | | | | |
| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
| SEWER-R | 041509 | 224,973 | 281,216 | 281,216 | 281,216 | 281,216 | 337,459 | 168,730 |
| Total | | 224,973 | 281,216 | 281,216 | 281,216 | 281,216 | 337,459 | 168,730 |
| Work Codes | | | | | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

**Metropolitan Wastewater
Sewer - Metropolitan
Bond Issuance CIP Reserve 45-922.0**

Council District: Citywide

Community Plan: No Community Planning Area

Description: This project provides an emergency reserve for Metropolitan Wastewater Department capital improvement projects.

Justification: This reserve is required to comply with the stipulation from Bond Counsel.

Operating Budget Effect: None.

Relationship to General and Community Plans: None.

Scheduling: The reserve will be used on an as-needed basis, in conformance with Bond Counsel requirements.

Summary of Project Changes: No significant change has been made to this reserve for Fiscal Year 2009.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|-----------|--------|--------|--------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | | 3,227,000 | | | | | |
| SEWER-R | 041509 | | 1,773,000 | | | | | |
| Total | | | 5,000,000 | | | | | |
| Work Codes | | | C | | | | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
| SEWER-E | 041509 | | | | | | | 3,227,000 |
| SEWER-R | 041509 | | | | | | | 1,773,000 |
| Total | | | | | | | | 5,000,000 |
| Work Codes | | | | | | | | |

Contact: Darlene Morrow-Truver

E-Mail: DMtruver@sandiego.gov

Phone: 858-292-6384

Metropolitan Wastewater

Sewer - Metropolitan

Environmental Monitoring and Technical Services Lab Esplanade and Stream Line 45-965.0

Council District: 2

Community Plan: Peninsula

Description: This project provides for design and construction of an esplanade (park) within an approximately 1.25 acre parcel located between the existing Metropolitan Wastewater Department laboratory and adjacent boat channel as well as under-grounding approximately 600 feet of an above ground stream line situated along the boat channel.

Justification: A new 40,000 square foot ocean monitoring laboratory was recently constructed and is now in operation. As a condition of our use of the site, MWWD is required to fund a portion of the esplanade improvements along our frontage. Also, to gain future unobstructed access to the boat channel, the existing stream line must be undergrounded.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Peninsula Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2006 and is scheduled be completed in Fiscal Year 2011. Land acquisition is scheduled to be completed in Fiscal Year 2008. Construction began in Fiscal Year 2008 and is scheduled to be completed in Fiscal Year 2011.

Summary of Project Changes: No significant change has been made to this project for Fiscal Year 2009.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|----------|--------|--------|--------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | 2,434,253 | | | | | | |
| Total | | 2,434,253 | | | | | | |
| Work Codes | | CDL | | | | | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
| SEWER-E | 041509 | | | | | | | 2,434,253 |
| Total | | | | | | | | 2,434,253 |
| Work Codes | | | | | | | | |

Contact: Mike Elling

E-Mail: MElling@sandiego.gov

Phone: 858-292-6477

Metropolitan Wastewater
Sewer - Metropolitan
MBC Biosolids Storage Silos 45-984.0

Council District: None

Community Plan: No Community Planning Area

Description: This project provides for two additional biosolid storage silos (numbers 9 and 10).

Justification: When a silo is out of service, silo storage capacity is frequently exceeded. In order to accommodate such events and to restore adequate silo capacity, it is essential to build two more storage silos.

Operating Budget Effect: Design will be completed at the end of Fiscal Year 2009. This project is estimated to go before City Council in October of Fiscal Year 2009 for design. Notice to Proceed (NTP) is scheduled for December. The cost is estimated at \$850,000.

Relationship to General and Community Plans: This project is located on federal property and there is no community planning area. This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2008 and is scheduled to be completed in Fiscal Year 2012. Construction is scheduled to begin in Fiscal Year 2010 and be completed in Fiscal Year 2012.

Summary of Project Changes: The total estimated project cost increased in the Sewer Expansion funding by \$283,962 due to an increase for inflation. The project scheduled has been pushed out a year with completion now scheduled in Fiscal Year 2012.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|----------|--------|-----------|-----------|---------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | 1,657,760 | | | 3,736,712 | 2,928,756 | 717,534 | |
| Total | | 1,657,760 | | | 3,736,712 | 2,928,756 | 717,534 | |
| Work Codes | | D | | | CD | CD | CD | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
| SEWER-E | 041509 | | | | | | | 9,040,762 |
| Total | | | | | | | | 9,040,762 |
| Work Codes | | | | | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater
Sewer - Metropolitan
MBC Centrate Collection Upgrades 45-982.0
Council District: 7

Community Plan: No Community Planning Area

Description: This project provides for converting the existing foul air ducting into dual-use headers for centrate and foul air collection and will increase the size of the existing centrate collection headers.

Justification: This project replaces the foul air header ducts at the centrifuges to a material that will handle both centrate and foul air. These improvements will provide a bypass pipeline for the centrate flow during additional improvements. The additional improvements will upgrade the undersized centrate collection headers for future larger centrate flows and prevent on-going centrate backups into the foul-air duct headers and damage to the centrifuges.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is located on federal property and there is no community planning area. This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: This Design-build project is scheduled for Fiscal Year 2009. Construction is scheduled to begin in Fiscal Year 2009 and be completed in Fiscal Year 2010.

Summary of Project Changes: The total estimated project cost increased in the Sewer Expansion and Replacement funding by \$64,895 due to an increase in inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|-----------|--------|--------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | 266,100 | | 843,647 | | | | |
| SEWER-R | 041509 | 266,100 | | 843,648 | | | | |
| Total | | 532,200 | | 1,687,295 | | | | |
| Work Codes | | CD | | CD | | | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
| SEWER-E | 041509 | | | | | | | 1,109,747 |
| SEWER-R | 041509 | | | | | | | 1,109,748 |
| Total | | | | | | | | 2,219,495 |
| Work Codes | | | | | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater

Sewer - Metropolitan

MBC Dewatering Centrifuges Replacement 45-983.0

Council District: 7

Community Plan: No Community Planning Area

Description: This project provides for the replacement of four existing dewatering centrifuges with four larger capacity units to handle larger future biosolids flows.

Justification: This project will increase the production capacity of the dewatering centrifuges to accommodate plant shutdowns for maintenance and construction, to accommodate future flows, and to address diverse types of constraining operational factors that limit current capacity. To achieve the required capacity, the existing dewatering centrifuge units must be replaced with larger units.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is located on federal property and there is no community planning area. This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design is scheduled to begin in Fiscal Year 2009 and be completed in Fiscal Year 2014. Construction is scheduled to begin in Fiscal Year 2011 and be completed in Fiscal Year 2014.

Summary of Project Changes: This is a newly published project for Fiscal Year 2009.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|---------|---------|-----------|-----------|---------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | | | 63,598 | 106,862 | 687,465 | 579,305 | 224,540 |
| SEWER-R | 041509 | | | 95,397 | 160,293 | 1,031,197 | 868,958 | 336,811 |
| Total | | | | 158,995 | 267,155 | 1,718,662 | 1,448,263 | 561,351 |
| Work Codes | | | | D | D | CD | CD | CD |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|---------|--------|--------|--------|--------|--------|-----------|
| SEWER-E | 041509 | 137,580 | | | | | | 1,799,350 |
| SEWER-R | 041509 | 206,369 | | | | | | 2,699,025 |
| Total | | 343,949 | | | | | | 4,498,375 |
| Work Codes | | CD | | | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater
Sewer - Metropolitan
MBC Odor Control Facility Upgrades 45-989.0
Council District: 7

Community Plan: No Community Planning Area

Description: This project provides for upgrading the odor control system fans and ducting to reduce system headlosses and improve overall foul air collection efficiency at the various process areas. Access platforms will also be installed at monitoring instruments and damper locations.

Justification: Several areas at the Metro Biosolids Center (MBC) have been identified to cause significant odor problems due to foul air collection deficiencies because of insufficient fan capacity and high headlosses, including poorly located foul air collection registers. Installing access platforms at the monitoring instruments and air volume control dampers will provide safe and timely access for operation and maintenance needs.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is located on federal property and there is no community planning area. This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2007 and is scheduled to be completed in Fiscal Year 2012. Construction is scheduled in Fiscal Year 2012. The delay in design and construction is due to the completion of other high priority projects.

Summary of Project Changes: The total estimated project cost increased in the Sewer Expansion and Replacement funding by \$152,506 due to a increase for inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|----------|--------|--------|--------|-----------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | 865,608 | | | | | 2,379,088 | |
| SEWER-R | 041509 | 577,072 | | | | | 1,586,058 | |
| Total | | 1,442,680 | | | | | 3,965,146 | |
| Work Codes | | D | | | | | CD | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
| SEWER-E | 041509 | | | | | | | 3,244,696 |
| SEWER-R | 041509 | | | | | | | 2,163,130 |
| Total | | | | | | | | 5,407,826 |
| Work Codes | | | | | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater

Sewer - Metropolitan

MBC Standby Centrifuge Feed Facilities 45-981.0

Council District: 7

Community Plan: No Community Planning Area

Description: This project provides for the addition of two standby centrifuge feed pumps and two standby polymer feed pumps. One set (consisting of a sludge pump and a polymer pump) will be dedicated to each of the two sets of 4-unit dewatering centrifuges to provide the true standby redundancy capability that was intended by the initial design.

Justification: Due to the high frequency of repairs and maintenance on these centrifuges, the standby centrifuge set is called to duty for significant amounts of time. During these times the sludge and chemical feed pumps are no longer available. Therefore, the failure of a sludge or polymer feed pump in a normal duty set gravely hampers biosolids production.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is located on federal property and there is no community planning area. This project is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2007 and is scheduled to be completed in Fiscal Year 2011. Construction is scheduled to begin in Fiscal Year 2010 and be completed in Fiscal Year 2011. The delay in construction is due to priority scheduling for the MBC Centrate Collection Upgrades project (45-982.0).

Summary of Project Changes: The total estimated project cost increased in the Sewer Expansion funding by \$50,503 due to an increase for inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|--------|-----------|---------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | 354,120 | | | 1,071,325 | 241,738 | | |
| Total | | 354,120 | | | 1,071,325 | 241,738 | | |
| Work Codes | | D | | | CD | CD | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
| SEWER-E | 041509 | | | | | | | 1,667,183 |
| Total | | | | | | | | 1,667,183 |
| Work Codes | | | | | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater

Sewer - Metropolitan

Metro Facilities Control System Upgrade 45-966.0

Council District: Citywide

Community Plan: Citywide

Description: This project provides for replacement and upgrade of existing control systems at various Metropolitan Wastewater treatment and pump station facilities. These include the Metro Biosolids Center, North City Water Reclamation Plant, Point Loma Treatment Plant, and South Bay Water Reclamation Plant.

Justification: This project is needed to provide replacement of existing control systems at various facilities. The existing control systems are microprocessor/computer-based. The life cycle of these systems is seven to ten years. The control systems at these facilities entered the life cycle replacement phase in Fiscal Year 2007. Replacement will also provide an upgrade in technology. The change in technology will provide the facilities with greater control system capabilities and are essential for future facility expansion.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the appropriate community plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design and construction began in Fiscal Year 2007 and are scheduled to be completed in Fiscal Year 2016.

Summary of Project Changes: The total estimated project cost increased in the Sewer Expansion and Replacement funding by \$284,174 due to inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|----------|-----------|-----------|--------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | 848,464 | | 345,961 | 532,235 | | | |
| SEWER-R | 041509 | 4,807,962 | | 1,960,446 | 3,015,997 | | | |
| Total | | 5,656,426 | | 2,306,407 | 3,548,232 | | | |
| Work Codes | | CD | | CD | CD | | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|---------|---------|--------|--------|--------|------------|
| SEWER-E | 041509 | | 138,593 | 91,483 | | | | 1,956,736 |
| SEWER-R | 041509 | | 785,362 | 518,405 | | | | 11,088,172 |
| Total | | | 923,955 | 609,888 | | | | 13,044,908 |
| Work Codes | | | CD | CD | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater**Sewer - Metropolitan****NCWRP - EDR Upgrade 45-992.0****Council District:** 1**Community Plan:** University

Description: This project provides for the upgrade of the electro dialysis reversal (EDR) equipment at the North City Water Reclamation Plant including piping, pumps and a chemical feed system.

Justification: The EDR was constructed to be a temporary facility with no enclosure. As a result, the EDR's cartridge filters, pumps, piping, and other associated equipment are currently open to the environment and are prone to ultraviolet light attack and a high salinity environment.

Operating Budget Effect: None

Relationship to General and Community Plans: This project is consistent with the Univeristy Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design and construction are scheduled to begin in Fiscal Year 2009 and be completed in Fiscal Year 2011.

Summary of Project Changes: This project is new for Fiscal Year 2009.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|---------|---------|---------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | | | 476,513 | 479,299 | 479,299 | | |
| Total | | | | 476,513 | 479,299 | 479,299 | | |
| Work Codes | | | | CD | CD | CD | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
| SEWER-E | 041509 | | | | | | | 1,435,111 |
| Total | | | | | | | | 1,435,111 |
| Work Codes | | | | | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater

Sewer - Metropolitan

NCWRP Sludge Pump Station Upgrade 41-942.0

Council District: 1

Community Plan: University

Description: This project provides for correction of a vibration problem at the North City Water Reclamation Plant (NCWRP) Sludge Pump Station.

Justification: Excessive vibration of the pump and flywheel contribute to wear and tear of equipment. The vibration also generates tremendous heat. The excessive vibration and heat can cause premature failure of equipment, impact operational efficiency and have structural impacts at the facility.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the University Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2008 and is scheduled to be completed in Fiscal Year 2011. Construction is scheduled to begin in Fiscal Year 2009 and be completed in Fiscal Year 2011.

Summary of Project Changes: The total estimated project cost increased in the Sewer Replacement funding by \$16,641 due to inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|---------|---------|---------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041509 | 20,800 | | 216,320 | 108,160 | 108,160 | | |
| Total | | 20,800 | | 216,320 | 108,160 | 108,160 | | |
| Work Codes | | D | | CD | CD | CD | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|---------|
| SEWER-R | 041509 | | | | | | | 453,440 |
| Total | | | | | | | | 453,440 |
| Work Codes | | | | | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater

Sewer - Metropolitan

Point Loma - Grit Processing Improvements 45-943.0

Council District: 2

Community Plan: Peninsula

Description: This project provides for upgrading the existing grit removal process at the Point Loma Wastewater Treatment Plant. The revised project scope includes grit agitation blowers enclosed in a sound dampening facility and the associated air piping.

Justification: The Point Loma Wastewater Treatment Plant has six aerated grit removal tanks. Grit removal from influent flows was found to be more efficient when the two south grit tanks were not used. The plant is not achieving desirable grit removal because the existing grit processing equipment is unable to extract fine sand or silt. The grit accumulated downstream of the grit tanks reduces the efficiency of processing equipment and minimizes the biosolid treatment in the digesters.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Peninsula Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2001 and is scheduled to be completed in Fiscal Year 2012. Construction began in Fiscal Year 2006 and is scheduled to be completed in Fiscal Year 2012.

Summary of Project Changes: The total estimated project cost increased in the Sewer Replacement funding by \$738,681 due to inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|----------|-----------|------------|------------|-----------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041508 | 5,035,022 | | 3,204,342 | 13,383,466 | 13,383,466 | 7,524,751 | |
| Total | | 5,035,022 | | 3,204,342 | 13,383,466 | 13,383,466 | 7,524,751 | |
| Work Codes | | CD | | CD | CD | CD | CD | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|------------|
| SEWER-R | 041508 | | | | | | | 42,531,047 |
| Total | | | | | | | | 42,531,047 |
| Work Codes | | | | | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater

Sewer - Metropolitan

Point Loma - South Access Road Protection Project 45-960.0

Council District: 2

Community Plan: Peninsula

Description: This project provides for continued access to the Point Loma Wastewater Treatment Plant and investigates, and may implement, options to mitigate erosion at two sea coves adjacent to the plant's access road.

Justification: The treatment plant has only one access road as granted by the federal government and this project is needed to ensure continued access.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Peninsula Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Phase I design began in Fiscal Year 2002 and was completed in Fiscal Year 2007. Phase II design is scheduled to begin in Fiscal Year 2018 and be completed in Fiscal Year 2019. Land acquisition is scheduled in Fiscal Year 2019. Construction is scheduled to begin in Fiscal Year 2018 and be completed in Fiscal Year 2020.

Summary of Project Changes: The total estimated project cost increased in the Sewer Replacement funding by \$3,232,070 due to an increase for inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|--------|--------|--------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041509 | 351,698 | | | | | | |
| Total | | 351,698 | | | | | | |
| Work Codes | | D | | | | | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|---------|-----------|-----------|
| SEWER-R | 041509 | | | | | 371,079 | 3,217,798 | 3,940,575 |
| Total | | | | | | 371,079 | 3,217,798 | 3,940,575 |
| Work Codes | | | | | | CD | CDL | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater

Sewer - Metropolitan

Pump Station 2 Onsite Standby Power 45-915.0

Council District: 2

Community Plan: Midway/Pacific Highway Corridor

Description: This project provides for the replacement of two of the existing on-site substation transformers to 10 million volt-amp (MVA) capacity and replacement of existing two engine pumps with two 3-megawatt engine generators. This will provide the station with four 50 percent utility feeds to comply with Environmental Protection Agency (EPA) power requirements.

Justification: The current utility power system does not meet the required EPA power requirements. Two of the existing utility feeds are only rated at 5 MVA with the third rated at 10 MVA. All feeds are limited to two pumps, except during emergency conditions, which provide less than 50 percent of the possible demand. By upgrading the two 5 MVA feeds to 10 MVA and installing a fourth 10 MVA feed, the station will have four 50 percent feeds which will comply with the EPA required two 100 percent feeds. This will also enhance station reliability by allowing any pump to be powered by the engine generators instead of pumps #4 and #5 as currently configured.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Midway/Pacific Highway Corridor Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2008 and is scheduled to be completed in Fiscal Year 2010. Land acquisition was completed in Fiscal Year 2008. Construction began in Fiscal Year 2008 and is scheduled to be completed in Fiscal Year 2011.

Summary of Project Changes: The total estimated project cost decreased in the Sewer Expansion funding by \$22,010. In addition, project completion has been rescheduled from Fiscal Year 2009 to Fiscal Year 2011.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|----------|--------|--------|-----------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | 4,551,481 | | | | 4,441,000 | | |
| Total | | 4,551,481 | | | | 4,441,000 | | |
| Work Codes | | CDL | | | | C | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
| SEWER-E | 041509 | | | | | | | 8,992,481 |
| Total | | | | | | | | 8,992,481 |
| Work Codes | | | | | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater

Sewer - Metropolitan

SBWRP Demineralization Facility Phases 1&2 42-930.0

Council District: 8

Community Plan: Tia Juana River Valley

Description: This project provides for demineralization of reclaimed water. Phase I will construct a demineralization facility to provide 7.5 million gallons a day (mgd) of reclaimed water for conveyance to the users. Phase II will expand the facility to provide 15 mgd of reclaimed water.

Justification: The majority of reclaimed water is used for irrigation. Too high a level of total dissolved solids (TDS) in the reclaimed water can affect agronomic conditions. Demineralization will reduce the level of TDS in the reclaimed water.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Tia Juana River Valley Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Phase I design began in Fiscal Year 2008 and is scheduled to be completed in Fiscal Year 2011. Phase I construction is scheduled to begin in Fiscal Year 2011 and be completed in Fiscal Year 2012. Phase II design is scheduled to begin in Fiscal Year 2013 and be completed in Fiscal Year 2016. Phase II construction is scheduled to begin in Fiscal Year 2015 and be completed in Fiscal Year 2016.

Summary of Project Changes: The total estimated project cost increased in the Sewer Expansion funding by \$1.0 million due to inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|---------|-----------|-----------|-----------|---------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | 114,400 | | 508,439 | 1,079,869 | 8,042,778 | 5,736,806 | 753,658 |
| Total | | 114,400 | | 508,439 | 1,079,869 | 8,042,778 | 5,736,806 | 753,658 |
| Work Codes | | D | | D | D | CD | C | D |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|---------|-----------|-----------|--------|--------|--------|------------|
| SEWER-E | 041509 | 877,393 | 3,937,024 | 5,118,132 | | | | 26,168,499 |
| Total | | 877,393 | 3,937,024 | 5,118,132 | | | | 26,168,499 |
| Work Codes | | D | CD | CD | | | | |

Contact: Pete Wong

E-Mail: PWong@sandiego.gov

Phone: 858-292-6475

Metropolitan Wastewater

Sewer - Metropolitan

South Metro Sewer Rehabilitation, Phase 3B 45-961.0

Council District: 8

Community Plan: Barrio Logan, Centre City

Description: This project provides for the rehabilitation of existing sections of the South Metro Interceptor (SMI) that have been discovered and scoped as part of the South Metro Downtown Tunnel Rehabilitation project. The sections of the SMI to be repaired include force main and gravity sections between Pump Station #1 and Pump Station #2.

Justification: Sections of the South Metro Interceptor have deteriorated significantly due to the corrosive effects of sewer gases over 40 years.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Barrio Logan and Centre City Community Plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2008 and is scheduled to be completed in Fiscal Year 2014. Construction is scheduled in Fiscal Year 2014.

Summary of Project Changes: The total estimated project cost increased in the Sewer Replacement funding by \$342,615 due to inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|--------|--------|--------|--------|---------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041509 | 157,506 | | | | | | 176,265 |
| Total | | 157,506 | | | | | | 176,265 |
| Work Codes | | D | | | | | | D |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|-----------|--------|--------|--------|--------|--------|-----------|
| SEWER-R | 041509 | 8,731,730 | | | | | | 9,065,501 |
| Total | | 8,731,730 | | | | | | 9,065,501 |
| Work Codes | | CD | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Metropolitan

Wet Weather Storage Facility - Phase 1 45-940.0

Council District: 1, 2

Community Plan: Citywide

Description: This project provides a seven million gallon storage facility to intercept peak wet-weather flows generated in the Metropolitan Sewage System, including live stream discharge.

Justification: The facility will reduce the risk of potential wet weather overflows, which may be caused by the capacity limitation of the existing collection system during rainfall events.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the appropriate community plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: A feasibility study was conducted and completed in Fiscal Year 2000. Predesign was completed in Fiscal Year 2001. Construction is scheduled to begin in Fiscal Year 2012 for live stream discharge. Additional construction for a seven million gallon storage facility is scheduled to begin in Fiscal Year 2014 and be completed in Fiscal Year 2019.

Summary of Project Changes: The total estimated project cost increased in the Sewer Expansion funding by \$4,753,071 due to inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|----------|--------|---------|---------|-----------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041509 | 2,710,860 | | | 269,967 | 400,000 | 4,384,641 | 62,210 |
| Total | | 2,710,860 | | | 269,967 | 400,000 | 4,384,641 | 62,210 |
| Work Codes | | CDL | | | C | C | D | D |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|-----------|------------|------------|------------|-----------|-----------|------------|
| SEWER-E | 041509 | 3,982,508 | 13,666,436 | 35,542,252 | 18,445,606 | 9,159,312 | 1,433,154 | 90,056,946 |
| Total | | 3,982,508 | 13,666,436 | 35,542,252 | 18,445,606 | 9,159,312 | 1,433,154 | 90,056,946 |
| Work Codes | | C | C | C | C | C | C | |

Contact: Guann Hwang

E-Mail: GHwang@sandiego.gov

Phone: 858-292-6476

Metropolitan Wastewater

Sewer - Municipal

Annual Allocation - Accelerated Projects 46-206.0

Council District: Citywide

Community Plan: Citywide

Description: This annual allocation provides for the accelerated construction of the Municipal Sewer System.

Justification: This annual allocation provides for the replacement of sewer mains that are in imminent danger of failing.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the appropriate community plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects will be scheduled on a priority basis.

Summary of Project Changes: The annual project cost increased in the Sewer Replacement funding by \$8,653 due to revised requirements.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|---------|-----------|--------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041506 | | | 224,973 | 1,442,308 | | | |
| Total | | | | 224,973 | 1,442,308 | | | |
| Work Codes | | | | | | | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|---------|
| SEWER-R | 041506 | | | | | | | 224,973 |
| Total | | | | | | | | 224,973 |
| Work Codes | | | | | | | | |

Contact: Criag Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Municipal

Annual Allocation - CIP Contingencies 46-193.0

Council District: Citywide

Community Plan: Citywide

Description: This annual allocation provides for Capital Improvements Program (CIP) contingency needs for Municipal Sewer projects.

Justification: This project will provide better CIP budget control. Project contingency needs (except annual allocation projects) will be met by this annual allocation.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the applicable community plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Pooled contingencies are used on an as needed basis.

Summary of Project Changes: The annual project cost decreased in the Sewer Expansion and Sewer Replacement funding by \$1.5 million due to revised requirements.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|---------|-----------|---------|---------|---------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041506 | | | 137,613 | 385,115 | 201,748 | 142,417 | |
| SEWER-R | 041506 | | | 321,096 | 898,603 | 470,746 | 332,306 | |
| Total | | | | 458,709 | 1,283,718 | 672,494 | 474,723 | |
| Work Codes | | | | | | | | |
| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
| SEWER-E | 041506 | | | | | | | 137,613 |
| SEWER-R | 041506 | | | | | | | 321,096 |
| Total | | | | | | | | 458,709 |
| Work Codes | | | | | | | | |

Contact: Ann Sasaki

E-Mail: ASasaki@sandiego.gov

Phone: 858-292-6469

Metropolitan Wastewater

Sewer - Municipal

Annual Allocation - Developer Projects 45-975.0

Council District: Citywide

Community Plan: Citywide

Description: This annual allocation provides for the City's share of costs to upgrade sewers at new developments at various locations within the City.

Justification: This annual allocation provides for the upgrading of sewers that are required of new developments in which the City of San Diego will share in financing, design and construction. The City funds the cost related to existing conditions and the developer pays for upgrades to capacity to accommodate their flows.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the appropriate community plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects will be scheduled on a priority basis.

Summary of Project Changes: The annual project cost increased in the Sewer Replacement funding by \$21,632 due to revised requirements.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|---------|---------|---------|---------|---------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041506 | | | 562,432 | 562,432 | 562,432 | 562,432 | 562,432 |
| Unidentified Funding | 999999 | | | | | | | |
| Total | | | | 562,432 | 562,432 | 562,432 | 562,432 | 562,432 |
| Work Codes | | | | | | | | |
| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
| SEWER-R | 041506 | 562,432 | 562,432 | 562,432 | 562,432 | | | 562,432 |
| Unidentified Funding | 999999 | | | | | 562,432 | 562,432 | |
| Total | | 562,432 | 562,432 | 562,432 | 562,432 | 562,432 | 562,432 | 562,432 |
| Work Codes | | | | | | | | |

Contact: Criag Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Municipal

Annual Allocation - MWWD Trunk Sewers 40-933.0

Council District: Citywide

Community Plan: Citywide

Description: This annual allocation provides for the replacement of trunk sewers and sewer mains at various locations, including canyons, within the City.

Justification: This annual allocation provides for the upgrading of trunk sewers, which are approaching maximum capacity, to improve the level of service to the residents of San Diego and to comply with regulatory agencies by reducing the impact of sewer spills.

Operating Budget Effect: None

Relationship to General and Community Plans: This project is consistent with the appropriate community plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects will be scheduled on a priority basis.

Summary of Project Changes: The annual project cost increased in the Sewer Replacement funding by \$129,792 due to inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041506 | | | 3,374,592 | 3,374,592 | 3,318,349 | 3,374,630 | 2,719,066 |
| Total | | | | 3,374,592 | 3,374,592 | 3,318,349 | 3,374,630 | 2,719,066 |
| Work Codes | | | | | | | | |
| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
| SEWER-R | 041506 | 5,741,637 | 2,415,477 | 2,331,561 | 3,002,405 | 3,002,405 | 3,002,405 | 3,374,592 |
| Total | | 5,741,637 | 2,415,477 | 2,331,561 | 3,002,405 | 3,002,405 | 3,002,405 | 3,374,592 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Municipal

Annual Allocation - Pipeline Rehabilitation 46-050.0

Council District: Citywide

Community Plan: Citywide

Description: This annual allocation provides for the rehabilitation and repair of sewers and manholes at various locations within the City.

Justification: This annual allocation provides for the extension of the useful life of sewers and manholes, improvements in the level of service to the residents of San Diego, and compliance with regulatory agencies' standards by reducing the impact of sewer spills.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the appropriate community plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects will be scheduled on a priority basis.

Summary of Project Changes: The annual project cost increased in the Sewer Replacement funding by \$1.2 million due to revised requirements.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041506 | | | 31,496,192 | 22,497,280 | 22,497,280 | 22,497,280 | 22,497,280 |
| Total | | | | 31,496,192 | 22,497,280 | 22,497,280 | 22,497,280 | 22,497,280 |
| Work Codes | | | | | | | | |
| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
| SEWER-R | 041506 | 13,498,368 | 13,498,368 | 13,498,368 | 13,498,368 | 13,498,368 | 13,498,368 | 31,496,192 |
| Total | | 13,498,368 | 13,498,368 | 13,498,368 | 13,498,368 | 13,498,368 | 13,498,368 | 31,496,192 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Municipal

Annual Allocation - Pump Stations 64, 65, Penasquitos and East Mission Gorge 41-927.0

Council District: 1, 7

Community Plan: Mission Trails Regional Park, Navajo,
University

Description: This annual allocation provides for the comprehensive upgrades, design modifications, and major renovations or replacement of major equipment, such as pumps, valves, tanks, controls, and odor control systems at the pump stations.

Justification: These improvements will allow the pump stations to run more efficiently and increase the reliability of the Municipal Wastewater System.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Navajo and University Community Plans and the Mission Trails Regional Park Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects will be scheduled on a priority basis.

Summary of Project Changes: The annual project cost increased in the Sewer Expansion and Replacement funding by \$1.8 million due to revised requirements.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|-----------|---------|---------|---------|-----------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041506 | | | 210,000 | 4,050 | 33,746 | 33,746 | 33,746 |
| SEWER-R | 041506 | | | 1,890,000 | 36,446 | 303,713 | 303,713 | 303,713 |
| Total | | | | 2,100,000 | 40,496 | 337,459 | 337,459 | 337,459 |
| Work Codes | | | | | | | | |
| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
| SEWER-E | 041506 | 33,746 | 33,746 | 33,746 | 33,746 | 33,746 | 33,746 | 210,000 |
| SEWER-R | 041506 | 303,713 | 303,713 | 303,713 | 303,713 | 303,713 | 303,713 | 1,890,000 |
| Total | | 337,459 | 337,459 | 337,459 | 337,459 | 337,459 | 337,459 | 2,100,000 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Municipal

Annual Allocation - Sewer Main Replacements 44-001.0

Council District: Citywide

Community Plan: Citywide

Description: This annual allocation provides for the replacement of sewer mains at various locations within the City.

Justification: This annual allocation provides for the replacement of sewer mains that are in a deteriorated condition or are undersized.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the appropriate community plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects will be scheduled on a priority basis.

Summary of Project Changes: The annual project cost increased in the Sewer Expansion and Replacement funding by nearly \$1.0 million due to inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041506 | | | 1,293,594 | 2,587,187 | 2,587,187 | 2,587,187 | 2,587,187 |
| SEWER-R | 041506 | | | 24,578,278 | 49,156,557 | 49,156,557 | 49,156,557 | 49,156,557 |
| Total | | | | 25,871,872 | 51,743,744 | 51,743,744 | 51,743,744 | 51,743,744 |
| Work Codes | | | | | | | | |
| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
| SEWER-E | 041506 | 1,293,594 | 1,293,594 | 1,293,594 | 1,293,594 | 1,293,594 | 1,293,594 | 1,293,594 |
| SEWER-R | 041506 | 24,578,278 | 24,578,278 | 24,578,278 | 24,578,278 | 24,578,278 | 24,578,278 | 24,578,278 |
| Total | | 25,871,872 | 25,871,872 | 25,871,872 | 25,871,872 | 25,871,872 | 25,871,872 | 25,871,872 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Municipal

Annual Allocation - Trunk Sewer Rehabilitations 46-194.0

Council District: Citywide

Community Plan: Citywide

Description: This annual allocation provides for the replacement of trunk sewer portions at various locations within the City.

Justification: This annual allocation provides for the replacement of portions of trunk sewers that are in deteriorated condition and/or undersized.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the appropriate community plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects will be scheduled on a priority basis.

Summary of Project Changes: The annual project cost increased in the Sewer Expansion and Replacement Funding by \$134,890 due to inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041506 | | | 701,431 | 4,095,898 | 7,204,811 | 5,083,305 | 3,494,642 |
| SEWER-R | 041506 | | | 2,805,724 | 16,383,592 | 28,819,246 | 20,333,218 | 13,978,568 |
| Total | | | | 3,507,155 | 20,479,490 | 36,024,057 | 25,416,523 | 17,473,210 |
| Work Codes | | | | | | | | |
| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
| SEWER-E | 041506 | 2,587,187 | 2,587,187 | 2,587,187 | 2,587,187 | | | 701,431 |
| SEWER-R | 041506 | 10,348,749 | 10,348,749 | 10,348,749 | 10,348,749 | | | 2,805,724 |
| Total | | 12,935,936 | 12,935,936 | 12,935,936 | 12,935,936 | | | 3,507,155 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Municipal

Annual Allocation - Unscheduled Projects 46-505.0

Council District: Citywide

Community Plan: Citywide

Description: This annual allocation provides for repair and replacement of sewers in need of emergency or unscheduled repairs.

Justification: This annual allocation provides for emergency repairs and replacement of sewer pipeline to avoid failures of the Municipal Sewer System.

Operating Budget Effect: None

Relationship to General and Community Plans: This project is consistent with the appropriate community plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Projects are scheduled on a priority basis as emergencies occur.

Summary of Project Changes: The annual project cost increased in the Sewer Replacement funding by \$43,264 due to inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041506 | | | 1,124,864 | 1,124,864 | 1,124,864 | 1,124,864 | 1,124,864 |
| Total | | | | 1,124,864 | 1,124,864 | 1,124,864 | 1,124,864 | 1,124,864 |
| Work Codes | | | | | | | | |
| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
| SEWER-R | 041506 | 1,124,864 | 1,124,864 | 1,124,864 | 1,124,864 | 1,124,864 | 1,124,864 | 1,124,864 |
| Total | | 1,124,864 | 1,124,864 | 1,124,864 | 1,124,864 | 1,124,864 | 1,124,864 | 1,124,864 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater
Sewer - Municipal
Balboa Avenue Trunk Sewer 46-196.6
Council District: 6

Community Plan: Clairemont Mesa

Description: This project provides for the replacement and upgrade of the Balboa Trunk Sewer.

Justification: This project will upgrade the existing 15-inch diameter pipe to 18-inch and 24-inch diameter pipes.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Clairemont Mesa Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2002 but was not completed. Design is scheduled to begin again in Fiscal Year 2010 and be completed in Fiscal Year 2011. Construction is scheduled to begin in 2011 and be complete in Fiscal Year 2012.

Summary of Project Changes: The total estimated project cost decreased in the Sewer Replacement funding by \$6.2 million due to transposed costs with United States International University Trunk Sewer.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|--------|--------|-----------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041506 | 892,489 | | | 72,253 | 4,012,177 | | |
| Total | | 892,489 | | | 72,253 | 4,012,177 | | |
| Work Codes | | D | | | D | CD | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
| SEWER-R | 041506 | | | | | | | 4,976,919 |
| Total | | | | | | | | 4,976,919 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Municipal

East Mission Gorge Force Main Rehabilitations 46-169.0

Community Plan: Mission Trails Regional Park

Council District: 7

Description: This project provides for the rehabilitation of various sections of the East Mission Gorge force main due to deterioration of the pipeline concrete lining from sulfuric acid build up. Additional assessment is planned in Fiscal Year 2009 for refined scope.

Justification: This project provides for the rehabilitation of the force main in order to prevent breakage of the force main and prevent potential sewage spills.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Mission Trails Regional Park Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2004 and is scheduled to be completed in Fiscal Year 2010. Construction is scheduled to begin in Fiscal Year 2009 and be completed in Fiscal Year 2010.

Summary of Project Changes: The total estimated project cost increased in the Sewer Replacement funding by \$215,582 for inflation and rescheduling.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|---------|-----------|-----------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041506 | 771,080 | | 329,600 | 3,275,518 | 2,000,000 | | |
| Total | | 771,080 | | 329,600 | 3,275,518 | 2,000,000 | | |
| Work Codes | | CD | | CD | CD | C | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
| SEWER-R | 041506 | | | | | | | 6,376,198 |
| Total | | | | | | | | 6,376,198 |
| Work Codes | | | | | | | | |

Contact: Ann Sasaki

E-Mail: ASasaki@sandiego.gov

Phone: 858-292-6469

Metropolitan Wastewater
Sewer - Municipal
East Point Loma Trunk Sewer 46-195.6
Council District: 2

Community Plan: Peninsula

Description: This project provides for the replacement of the existing 27-inch and 30-inch vitrified clay trunk sewer pipe with 36-inch and 39-inch pipe beneath Cushing Road between Barnett and Nimitz, including the 848 feet of new 8-inch, 10-inch and 15-inch sewer pipe.

Justification: This project provides for the replacement of a trunk sewer with a larger trunk sewer to accommodate additional flow in the future.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Peninsula Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2004 but was not completed. Design began again in Fiscal Year 2008 and is scheduled to be completed in Fiscal Year 2010. Construction is scheduled to be completed in Fiscal Year 2010.

Summary of Project Changes: The total estimated project cost decreased in the Sewer Expansion and Replacement Funding by \$7.9 million due to a decrease of \$1.6 million for design, a decrease of \$7.1 million for construction, and an increase of \$762,862 for inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|-----------|-----------|--------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041506 | 466,400 | | 1,936,000 | 7,920,000 | | | |
| SEWER-R | 041506 | 63,600 | | 264,000 | 1,080,000 | | | |
| Total | | 530,000 | | 2,200,000 | 9,000,000 | | | |
| Work Codes | | D | | CD | CD | | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|------------|
| SEWER-E | 041506 | | | | | | | 10,322,400 |
| SEWER-R | 041506 | | | | | | | 1,407,600 |
| Total | | | | | | | | 11,730,000 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Municipal

Harbor Drive Trunk Sewer Replacement 46-205.0

Council District: 2, 8

Community Plan: Centre City

Description: This project provides for upgrading and replacing existing portions of Harbor Drive trunk sewer with 15-inch, 18-inch, 48-inch, and 54-inch pipelines.

Justification: The existing trunk sewer has a portion constructed of techite pipeline, which has been prone to structural failure.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Centre City Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2002 but was not completed. Design began again in Fiscal Year 2008 and is scheduled to be completed in Fiscal Year 2012. Construction is scheduled to begin in Fiscal Year 2011 and be completed in Fiscal Year 2012.

Summary of Project Changes: The total estimated project cost decreased in the Sewer Replacement Funding by \$5.6 million due to an increase of \$832,487 for design and a decrease of \$6.4 million for construction which includes \$783,117 for inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|---------|---------|-----------|------------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041506 | 872,186 | | 112,486 | 112,486 | 1,000,000 | 12,800,000 | |
| Total | | 872,186 | | 112,486 | 112,486 | 1,000,000 | 12,800,000 | |
| Work Codes | | D | | D | D | CD | CD | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|------------|
| SEWER-R | 041506 | | | | | | | 14,897,158 |
| Total | | | | | | | | 14,897,158 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Municipal

Lake Murray Trunk Sewer - In Canyon 46-197.9

Council District: 7

Community Plan: Navajo

Description: This project provides for the replacement of three miles of existing trunk sewer and installation of maintenance access pathways.

Justification: This project provides for the upsizing of the trunk sewer to meet buildout capacity.

Operating Budget Effect: None

Relationship to General and Community Plans: This project is consistent with the Navajo Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2003 and is scheduled to be completed in Fiscal Year 2010. Construction and environmental mitigation are scheduled in Fiscal Year 2010.

Summary of Project Changes: The total estimated project cost increased in the Sewer Replacement funding by \$529,145 for inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|----------|--------|------------|--------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041506 | 1,303,305 | | | 13,757,779 | | | |
| Total | | 1,303,305 | | | 13,757,779 | | | |
| Work Codes | | D | | | CDM | | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|------------|
| SEWER-R | 041506 | | | | | | | 15,061,084 |
| Total | | | | | | | | 15,061,084 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6431

Metropolitan Wastewater
Sewer - Municipal
Miramar Road Trunk Sewer 46-195.8

Council District: 7

Community Plan: Mira Mesa, University

Description: This project provides for the replacement and upgrade of the Miramar Trunk Sewer.

Justification: This project provides for upgrading the existing 15-inch diameter pipe to 18-inch diameter pipe in order to accommodate the flow from the Marine Corps Air Station, Miramar.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the University and Mira Mesa Community Plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2001 and was completed in Fiscal Year 2007. Construction began in Fiscal Year 2007 and was completed in Fiscal Year 2008. Environmental mitigation is scheduled in Fiscal Year 2009.

Summary of Project Changes: The total estimated project cost increased in the Sewer Replacement funding by \$900 for inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|----------|--------|--------|--------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041506 | 5,150,567 | | 23,398 | | | | |
| Total | | 5,150,567 | | 23,398 | | | | |
| Work Codes | | CD | | M | | | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
| SEWER-R | 041506 | | | | | | | 5,173,965 |
| Total | | | | | | | | 5,173,965 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater
Sewer - Municipal
Montezuma Trunk Sewer 46-196.9
Council District: 7

Community Plan: College Area

Description: This project provides for the replacement and upgrade of a portion of the Montezuma Trunk Sewer. The project involves the relocation of approximately 1,610 feet of pipe at Camino Del Rio South and Fairmount Avenue.

Justification: A portion of this trunk sewer will be upgraded with a larger pipe to eliminate constrictions and have more capacity, while removing pipe from CALTRANS Row.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the College Area Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2004 with final design modifications scheduled to be completed in Fiscal Year 2011.

Summary of Project Changes: The total estimated project cost increased in the Sewer Replacement funding by \$100,440 for inflation and rescheduling. The delay in construction was due to priority shceduling for the MBC Centrate Collection Upgrades project (45-982.0).

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|--------|--------|-----------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041506 | 596,497 | | | 42,563 | 2,307,721 | | |
| SEWER-R | 041506 | 66,277 | | | 4,729 | 256,413 | | |
| Total | | 662,774 | | | 47,292 | 2,564,134 | | |
| Work Codes | | D | | | D | CD | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
| SEWER-E | 041506 | | | | | | | 2,946,781 |
| SEWER-R | 041506 | | | | | | | 327,419 |
| Total | | | | | | | | 3,274,200 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Municipal

Otay Mesa Trunk Sewer 40-930.0

Council District: 8

Community Plan: Otay Mesa

Description: In order to provide adequate sewage capacity and accommodate future growth in the Otay Mesa community, the City of San Diego and developers have entered into cooperative agreements to design and construct the Otay Mesa Trunk Sewer project. This is a multi-phased, major trunk sewer system to serve the Otay Mesa area as described in the 2004 Otay Mesa Sewer Master Plan and Alignment Study. The project constructs all sewer pipes 18-inches and larger and upgrades the existing pump station 23T. Phase 2A1 constructs 2,634 feet of 42-inch pipe in Old Otay Mesa Road. Phase 2A2 constructs a continuation of the pipe for another 4,282 feet. Phase 2B1 constructs a continuation of the pipe for another 6,180 feet to connect to the San Ysidro Trunk Sewer

Justification: The project will provide service for the future wastewater flows in the Otay Mesa Area.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Otay Mesa Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design for Phases 2A1, 2A2, and 2B1 began in Fiscal Year 2001 and is scheduled to be completed in Fiscal Year 2010. Construction for 2A1 and 2A2 began in Fiscal Year 2004 and is scheduled to be completed in Fiscal Year 2010.

Summary of Project Changes: The total estimated project cost decreased in the Sewer Expansion funding by \$7.8 million due to an increase in design of \$16,008 and a decrease in construction of \$7.8 million which includes \$552,031 for inflation. Completion of the project has been delayed due to private development in the area.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|------------|----------|--------|-----------|--------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041506 | 14,334,449 | | | 6,000,000 | | | |
| Total | | 14,334,449 | | | 6,000,000 | | | |
| Work Codes | | CD | | | CD | | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|------------|
| SEWER-E | 041506 | | | | | | | 20,334,449 |
| Total | | | | | | | | 20,334,449 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Municipal

Pump Station 84 Upgrade and Pump Station 62 Abandonment 41-939.0

Council District: 1, 5

Community Plan: Rancho Bernardo, Rancho Penasquitos

Description: This project provides for the possible elimination of Sewer Pump Station 62 through the installation of various pipelines and the upsizing of Sewer Pump Station 84, or upgrades to both pump stations depending on the most feasible option.

Justification: This project is needed to optimize the sewage system and possibly to eliminate Sewer Pump Station 62.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Rancho Bernardo and Rancho Penasquitos Community Plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2007 and is scheduled to be completed in Fiscal Year 2011. Construction is scheduled in Fiscal Year 2011.

Summary of Project Changes: The total estimated project cost increased in the Sewer Replacement funding by \$71,120 for inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|----------|--------|--------|-----------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041506 | 54,080 | | | | 1,849,112 | | |
| Total | | 54,080 | | | | 1,849,112 | | |
| Work Codes | | D | | | | CD | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
| SEWER-R | 041506 | | | | | | | 1,903,192 |
| Total | | | | | | | | 1,903,192 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

**Metropolitan Wastewater
Sewer - Municipal
Pump Station Upgrades 41-929.0**

Council District: Citywide

Community Plan: Citywide

Description: This project provides for the upgrade of 23 pump stations, divided into four groups, located throughout San Diego. The upgrades involve providing new and backup pumps and motors, new control panels, new generators, redundant force mains, underground storage tanks, and miscellaneous civil work.

Justification: This project will provide for the upgrading of deteriorated pump stations, improvement of the level of service to the residents of San Diego, and compliance with regulatory agencies by reducing the impact of sewer spills.

Operating Budget Effect: The operating budget effect will be determined upon completion of the project.

Relationship to General and Community Plans: This project is consistent with the applicable community plans and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Group I design began in Fiscal Year 2003 and is scheduled to be completed in Fiscal Year 2010. Construction is scheduled to begin in Fiscal Year 2009 and be completed in Fiscal Year 2010.

Group II design began in Fiscal Year 2005 and is scheduled to be completed in Fiscal Year 2011. Construction is scheduled to begin in Fiscal Year 2010 and be completed in Fiscal Year 2011.

Group III design began in Fiscal Year 2005 and is scheduled to be completed in Fiscal Year 2012. Construction is scheduled to begin in Fiscal Year 2011 and be completed in Fiscal Year 2012.

Group IV design began in Fiscal Year 2005. Construction began in Fiscal Year 2008 and Group IV was completed in Fiscal Year 2008.

Summary of Project Changes: The total estimated project cost increased in the Sewer Replacement funding by \$593,232 for inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|----------|-----------|-----------|-----------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041506 | 5,593,137 | | 5,577,076 | 5,367,627 | 3,101,251 | | |
| Total | | 5,593,137 | | 5,577,076 | 5,367,627 | 3,101,251 | | |
| Work Codes | | CD | | CD | CD | CD | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|------------|
| SEWER-R | 041506 | | | | | | | 19,639,091 |
| Total | | | | | | | | 19,639,091 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Municipal

Sewer Pump Station 41 Rehabilitation 46-602.0

Council District: 2, 6

Community Plan: Mission Bay Park

Description: This project provides for constructing a new pump station, emergency overflow storage structure, 2,200 linear feet of primary and secondary force main to be located in the right-of-way. The project includes the abandonment of the original pump station and existing force main currently located within the recreational space of Mission Bay Park.

Justification: The existing pump station and force main were built in 1953 and have exceeded their service life. The project's goal is to restore and improve the reliability of the pump station and bring it up to current standards and regulations. This project is mandated by the Environmental Protection Agency.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Mission Bay Park Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2000 and is scheduled to be completed in Fiscal Year 2011. Construction is scheduled to begin in Fiscal Year 2009 and be completed in Fiscal Year 2011.

Summary of Project Changes: This project is newly published for Fiscal Year 2009.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|---------|-----------|-----------|---------|-----------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041506 | 183,224 | 1,357,500 | 5,137,176 | 984,026 | 1,416,842 | | |
| Total | | 183,224 | 1,357,500 | 5,137,176 | 984,026 | 1,416,842 | | |
| Work Codes | | D | D | CD | CD | CD | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-----------|
| SEWER-R | 041506 | | | | | | | 9,078,768 |
| Total | | | | | | | | 9,078,768 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: cwhittemore@sandiego.gov

Phone: (858) 292-6471

Metropolitan Wastewater

Sewer - Municipal

South Mission Valley Trunk Sewer 40-931.0

Council District: 6

Community Plan: Mission Valley

Description: This project provides for Phase I replacement of the existing trunk sewer in Mission Valley and installing a larger trunk along approximately 3,500 feet of Taylor Street.

Justification: This project will increase the flow capacity of the South Mission Valley Trunk Sewer.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Mission Valley Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2002 and is scheduled to be completed in Fiscal Year 2010. Construction is scheduled to begin in Fiscal Year 2009 and be completed in Fiscal Year 2010.

Summary of Project Changes: The total estimated project cost decreased in the Sewer Expansion and Replacement Funding by \$3.5 million due to a decrease of \$119,255 for design, a decrease of \$3.9 million for construction, and an increase of \$501,923 for inflation.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|----------|-----------|-----------|--------|--------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-E | 041506 | 527,702 | | 1,190,000 | 1,870,000 | | | |
| SEWER-R | 041506 | 1,024,362 | | 2,310,000 | 3,630,000 | | | |
| Total | | 1,552,064 | | 3,500,000 | 5,500,000 | | | |
| Work Codes | | D | | CD | CD | | | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|------------|
| SEWER-E | 041506 | | | | | | | 3,587,702 |
| SEWER-R | 041506 | | | | | | | 6,964,362 |
| Total | | | | | | | | 10,552,064 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471

Metropolitan Wastewater

Sewer - Municipal

USIU Trunk Sewer 46-197.6

Council District: 7

Community Plan: Scripps Miramar Ranch

Description: This project provides for the replacement of the existing 2.2-mile trunk sewer and installation of maintenance access pathways and a junction structure at the United States International University. The trunk sewer starts on the west side of Interstate 15, proceeds east through Horse Ranch Canyon, and continues east on the edge of Pomerado Road to 400 feet east of Avenida Magnifica.

Justification: This project will provide for the rehabilitation of the trunk sewer to meet buildout capacity.

Operating Budget Effect: None.

Relationship to General and Community Plans: This project is consistent with the Scripps Miramar Ranch Community Plan and is in conformance with the City's Progress Guide and General Plan.

Scheduling: Design began in Fiscal Year 2002 and is scheduled to be completed in Fiscal Year 2012. Land acquisition was completed in Fiscal Year 2008. Construction is scheduled to begin in 2010 and be completed in 2012.

Summary of Project Changes: The total estimated project cost increased in the Sewer Replacement funding by \$6.7 million which includes \$157,093 for inflation. In addition, project completion has been rescheduled for Fiscal Year 2012.

| Expenditures by Revenue Source | | | | | | | | |
|--------------------------------|--------|-----------|----------|--------|--------|-----------|-----------|--------|
| Revenue Source/Tag | Fund | Exp/Enc | Con Appn | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 |
| SEWER-R | 041506 | 2,602,040 | | 23,397 | 72,253 | 6,927,442 | 3,632,634 | |
| Total | | 2,602,040 | | 23,397 | 72,253 | 6,927,442 | 3,632,634 | |
| Work Codes | | DL | | D | CD | CD | CD | |

| Revenue Source/Tag | Fund | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|--------------------|--------|--------|--------|--------|--------|--------|--------|------------|
| SEWER-R | 041506 | | | | | | | 13,257,766 |
| Total | | | | | | | | 13,257,766 |
| Work Codes | | | | | | | | |

Contact: Craig Whittemore

E-Mail: CWhittemore@sandiego.gov

Phone: 858-292-6471